

MAR 13 2018



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.4001

Job Sheet 174498



Part No: 646.4001

Job Qty: 1 ea

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/16/18

Job Tracking No:

Due Date: 4/2/18

Created By: Michelle Gagnon-Donovan

Type: SOLD

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	4/2/18	4/2/18	0.00	0.00	Start Up Stores/Pkg-1		MAR 27 2018
110	Packaging	1 pcs	4/2/18	4/2/18	0.00	0.00	Packaging1-1		MAR 27 2018
120	QC	1 pcs	4/2/18	4/2/18	0.00	0.00	QC4		M. AL
125	DC	1 pcs	4/2/18	4/2/18	0.00	0.00	DC		M. AL
130	Packaging	1 pcs	4/2/18	4/2/18	0.00	0.00	Packaging3-1		M. AL
140	QC21-FG	1 Ea	4/2/18	4/2/18	0.00	0.00	QC21		MAR 28 2018

Part Op 125 - Photocopy bluefile & type labels per PPP 646.4001

Descriptions: 130 - Identify and pack for shipping as per PPP 646.4001 Location: Eg 102

DAS
21
3-28

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.0129	VHB Tape	8 ft (8 ea)	90-Start up Operation	
600.0990	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea)	90-Start up Operation	
600.0991	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea)	90-Start up Operation	
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation	
600.1013	021200-3M Tape Primer 94 Primer 24216	5 Ea (5 ea)	90-Start up Operation	
646.2910	Deflector	1 Ea (1 ea)	90-Start up Operation	
646.3001	Lower Cable Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
646.3110	Channel	1 Ea (1 ea)	90-Start up Operation	
646.3210	Support	1 Ea (1 ea)	90-Start up Operation	
646.3301	Upper Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
646.3510	Strut	1 Ea (1 ea)	90-Start up Operation	
646.3511	Strut	1 Ea (1 ea)	90-Start up Operation	
646.3610	Filler	1 Ea (1 ea)	90-Start up Operation	
646.3710	Doubler	1 Ea (1 ea)	90-Start up Operation	
646.3711	Clip	1 Ea (1 ea)	90-Start up Operation	
646.3712	Clip	1 Ea (1 ea)	90-Start up Operation	
646.3713	Gusset	1 Ea (1 ea)	90-Start up Operation	
646.3714	Gusset	1 Ea (1 ea)	90-Start up Operation	
646.3715	Strut Doubler	2 Ea (2 ea)	90-Start up Operation	
646.3716	Gauge Bracket	1 Ea (1 ea)	90-Start up Operation	
646.3717	Doubler	1 Ea (1 ea)	90-Start up Operation	

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Plex 3/16/18 10:01 AM Dart.Gagnon.Michelle

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Container No: S055421



Part: 646.4001

Job No: 174498

Serial No/Batch: S055421

Revision:

Inspector:

Date: 03/27/18

646.3718	Custom Washer	2 Ea (2 ea)	90-Start up Operation
646.3719	Doubler	2 Ea (2 ea)	90-Start up Operation
646.3810	Bracket	2 Ea (2 ea)	90-Start up Operation
646.3811	Radius Block	1 Ea (1 ea)	90-Start up Operation
646.3812	Gusset Bracket	2 Ea (2 ea)	90-Start up Operation
646.3813	AS350 Strut Bracket	1 Ea (1 ea)	90-Start up Operation
646.3910	Shim	4 Ea (4 ea)	90-Start up Operation
646.3911	Shim	1 Ea (1 ea)	90-Start up Operation
646.3912	Shim	4 Ea (4 ea)	90-Start up Operation
646.3913	Shim	1 Ea (1 ea)	90-Start up Operation
646.9410	Shim	1 Ea (1 ea)	90-Start up Operation
647.0112	Strut Bracket	2 Ea (2 ea)	90-Start up Operation
647.7703	Strut Assembly	2 Ea (2 ea)	90-Start up Operation
650.9201	Eyelet Bracket Assembly	2 Ea (2 ea)	90-Start up Operation
AN3-11A	Bolt	10 Ea (10 ea)	90-Start up Operation
AN3-12A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN3-13A	Bolt	1 Ea (1 ea)	90-Start up Operation
AN3-3A	Bolt	4 Ea (4 ea)	90-Start up Operation
AN3-4A	Bolt	10 Ea (10 ea)	90-Start up Operation
AN3-5A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN3-6A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN316C4R	Nut, Jam	2 Ea (2 ea)	90-Start up Operation
AN44-5A	Eyebolt	2 Ea (2 ea)	90-Start up Operation
AN4C7A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN665-34R	Clevis	2 Ea (2 ea)	90-Start up Operation
CCR264SS3-02	Cherry Rivet	36 Ea (36 ea)	90-Start up Operation
CR3213-5-83	Cherry Rivet	14 Ea (14 ea)	90-Start up Operation
MS20426AD5-7	Rivet	2 Ea (2 ea)	90-Start up Operation
MS20470AD5-5.5	Rivet	8 Ea (8 ea)	90-Start up Operation
MS20470AD5-6	Rivet	8 Ea (8 ea)	90-Start up Operation
MS20470AD5-7	Rivet	3 Ea (3 ea)	90-Start up Operation
MS21042L08	Use Ms21042L08	2 Ea (2 ea)	90-Start up Operation
MS21042L3	Nut	63 Ea (63 ea)	90-Start up Operation
MS21042L4	Nut	2 Ea (2 ea)	90-Start up Operation
MS21047-3	Nut Plate	18 Ea (18 ea)	90-Start up Operation
MS24693-C278	Screw	5 Ea (5 ea)	90-Start up Operation
MS24694-S51	Screw	5 Ea (5 ea)	90-Start up Operation
MS24694-S54	Screw	2 Ea (2 ea)	90-Start up Operation
MS24694-S55	Screw	3 Ea (3 ea)	90-Start up Operation
MS27039-08-13	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-10	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-12	Screw	6 Ea (6 ea)	90-Start up Operation
MS27039-1-16	Screw	24 Ea (24 ea)	90-Start up Operation
MS27039-1-19	Screw	22 Ea (22 ea)	90-Start up Operation
MS27039-1-20	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-21	Screw	4 Ea (4 ea)	90-Start up Operation
NAS1149F0332P	Washer	144 Ea (144 ea)	90-Start up Operation
NAS1149F0363P	Washer	2 Ea (2 ea)	90-Start up Operation
NAS1149F0432P	Washer	4 Ea (4 ea)	90-Start up Operation
NAS1149FN832P	Washer	4 Ea (4 ea)	90-Start up Operation

5020604

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.0129	8	480	0
	600.0990	1	20	0
	600.0991	1	19	0
	600.1012	1	29	0
	600.1013	5	60	0
	646.2910	1	3	0
	646.3001	1	7	0
	646.3110	1	9	0
	646.3210	1	14	0
	646.3301	1	7	0

646.3510	1	32	0
646.3511	1	21	0
646.3610	1	25	0
646.3710	1	50	0
646.3711	1	35	0
646.3712	1	47	0
646.3713	1	41	0
646.3714	1	47	0
646.3715	2	62	0
646.3716	1	33	0
646.3717	1	38	0
646.3718	2	64	0
646.3719	2	36	0
646.3810	2	23	0
646.3811	1	7	0
646.3812	2	18	0
646.3813	1	19	0
646.3910	4	61	0
646.3911	1	48	0
646.3912	4	53	0
646.3913	1	64	0
646.9410	1	27	0
647.0112	2	96	0
647.7703	2	26	0
650.9201	2	19	0
AN3-11A	10	348	0
AN3-12A	2	136	0
AN3-13A	1	61	0
AN3-3A	4	222	0
AN3-4A	10	236	0
AN3-5A	2	452	0
AN3-6A	2	353	0
AN316C4R	2	30	0
AN44-5A	2	35	0
AN4C7A	2	115	0
AN665-34R	2	54	0
CCR264SS3-02	36	722	0
CR3213-5-03	14	194	0
MS20426AD5-7	2	1,237	0
MS20470AD5-5.5	8	429	0
MS20470AD5-6	8	1,223	0
MS20470AD5-7	3	218	0
MS21042-08	2	0	0
MS21042L3	63	2,865	0
MS21042L4	2	3,214	0
MS21047-3	18	542	0
MS24693-C278	5	90	0
MS24694-S51	5	289	0
MS24694-S54	2	127	0
MS24694-S55	3	188	0
MS27039-08-13	2	437	0
MS27039-1-10	2	349	0
MS27039-1-12	6	373	0
MS27039-1-16	24	708	0
MS27039-1-19	22	403	0
MS27039-1-20	2	81	0
MS27039-1-21	4	127	0
NAS1149F0332P	144	2,721	0
NAS1149F0363P	2	256	0
NAS1149F0432P	4	2,938	0
NAS1149FN832P	4	4,147	0

Part Specifications

Specifications could not be found.

Plex 3/16/18 10:01 AM Dart.Gagnon.Michelle



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
001884	S055302	600.0129	VHB Tape	FM137700	CCK096	8
001884	S055420	600.0990	Magnabond 6398 Part A Size 112 ml	S044948	LG050	1
001884	S055419	600.0991	Magnabond 6398 Part B Size 112 ml	S044949	LG050	1
001884	S055293	600.1012	Sealant PR1425B2 (#654 sem)	s054101	CCK017	1
001884	S055416	600.1013	021200-3M Tape Primer 94 Primer 24216	S020598	CCK096	5
001884	S022072	646.2910	Deflector	F141689	CCK050	1
001884	S055300	646.3001	Lower Cable Cutter Assembly	S040509	CCK023	1
001884	S055299	646.3110	Channel	S044090	CCK020	1
001884	S055298	646.3210	Support	S045159	CCK020	1
001884	S055301	646.3301	Upper Cutter Assembly	S040560	CCK018	1
001884	S010282	646.3510	Strut	S006737	CCK103	1
001884	S055294	646.3511	Strut	s036176	CCK104	1
001884	S055413	646.3610	Filler	s021581	CCK104	1
001884	S055330	646.3710	Doubler	S002104	CCK006	1
001884	S055411	646.3711	Clip	s026777	CCK104	1
001884	S055410	646.3712	Clip	f159863	CCK104	1
001884	S055296	646.3713	Gusset	f159851	CCK106	1
001884	S055297	646.3714	Gusset	f159846	CCK106	1
001884	S055409	646.3715	Strut Doubler	f159860	CCK105	2
001884	S055408	646.3716	Gauge Bracket	F159850	CCK105	1
001884	S055407	646.3717	Doubler	s026842	CCK105	1
001884	S055405	646.3718	Custom Washer	S026885	CCK105	2
001884	S055400	646.3719	Doubler	s038795	CCK105	2
001884	S055398	646.3810	Bracket	s036739	CCK105	2
001884	S055397	646.3811	Radius Block	S027821	CCK105	1
001884	S055396	646.3812	Gusset Bracket	s036884	CCK106	2
001884	S019883	646.3813	AS350 Strut Bracket	S019877	CCK106	1
001884	S055395	646.3910	Shim	s038811	CCK106	4
001884	S055394	646.3911	Shim	s027797	CCK106	1
001884	S055393	646.3912	Shim	s038813	CCK106	4
001884	S055392	646.3913	Shim	S027799	CCK106	1
001884	S055391	646.9410	Shim	F140671	CCK011	1
001884	S055389	647.0112	Strut Bracket	S041557	CCK106	2
001884	S055381	647.7703	Strut Assembly	S034597	CCK114	2
001884	S055387	650.9201	Eyelet Bracket Assembly	S043733	CCK127	2
001884	S055213	AN3-11A	Bolt	s027721	ST349	10
001884	S055212	AN3-12A	Bolt	f153854	ST349	2
001884	S055211	AN3-13A	Bolt	s038733	ST349	1
001884	S055210	AN3-3A	Bolt	s015688	ST350	4
001884	S055209	AN3-4A	Bolt	s019388	ST350	10
001884	S055208	AN3-5A	Bolt	s041106	ST350	2
001884	S055207	AN3-6A	Bolt	s000530	ST350	2
001884	S055206	AN316C4R	Nut, Jam	s019359	ST331	2
001884	S055205	AN44-5A	Eyebolt	s019400	ST339	2
001884	S055201	AN4C7A	Bolt	s027516	ST345	2
001884	S055200	AN665-34R	Clevis	s041157	ST330	2
001884	S054293	CCR264SS3-02	Cherry Rivet	s019421	ST321	36
001884	S023372	CR3213-5-03	Cherry Rivet	FM138207-1	CCK003	8
001884	S054290	MS20426AD5-7	Rivet	f153848	ST311	2

07/2018
11/2018

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Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
001884	S054289	MS20470AD5-5.5	Rivet	fm134063	ST309	8
001884	S054288	MS20470AD5-6	Rivet	F124089	ST309	8
001884	S054286	MS20470AD5-7	Rivet	F123425	ST309	3
001884	S054285	MS21042L08	Nut	S016879	ST303	2
001884	S054284	MS21042L3	Nut	s038764	ST303	63
001884	S054283	MS21042L4	Nut	S045901	ST303	2
001884	S054282	MS21047-3	Nut Plate	s020620	ST301	18
001884	S054280	MS24693-C278	Screw	s016502	ST287	5
001884	S054279	MS24694-S51	Screw	s004859	ST284	5
001884	S054278	MS24694-S54	Screw	s024480	ST284	2
001884	S054277	MS24694-S55	Screw	fm138621.0	ST283	3
001884	S053936	MS27039-08-13	Screw	s019320-1	ST278	2
001884	S053935	MS27039-1-10	Screw	s005145	ST280	2
001884	S053933	MS27039-1-12	Screw	s027544	ST280	6
001884	S053932	MS27039-1-16	Screw	s027545	ST280	24
001884	S053930	MS27039-1-19	Screw	s024444	ST280	22
001884	S053929	MS27039-1-20	Screw	s000680	ST280	2
001884	S053927	MS27039-1-21	Screw	fm127904-10	ST280	4
001884	S053919	NAS1149F0332P	Washer	S020603	ST262	144
001884	S053908	NAS1149F0363P	Washer	s027738	ST262	2
001884	S053901	NAS1149F0432P	Washer	s034412	ST362	4
001884	S053900	NAS1149FN832P	Washer	s020604	ST263	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 3/27/18 12:54 PM dart.quirion.sonia

REFERENCE ONLY

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NOTES:

1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.

2 INSTALL F/N 14 WITH F/N 52 & 53.

3 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMaster-CARR P/N 75935A651.

4 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.

5 REUSE FASTENERS FROM F/N 1.

6 USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.

7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.

8 INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT, REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.

9 NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

UNINCORPORATED ECN(S)

05304

5	5	5	78	601.3875	SCREW	UNINCORP				
1	1	1	77	646.9410	SHIM					
	4	4	76	601.2764	WASHER	NAS1149H432P				
	2	2	75	601.2973	LOCKNUT	MS27042-08				
	2	2	74	601.2988	SCREW	MS27039-0813				
	2	2	73	601.2943	LOCKNUT	MS21042-3				
	2	2	72	601.3128	NUT	AN316C4R				
	2	2	71	601.3209	LOCKNUT	MS21042A				
	4	4	70	601.2636	WASHER	NAS1149H432P				
	2	2	69	601.2669	BOLT	ANAC7A				
	2	2	68	601.3119	CLEVIS	AN665-34R				
	2	2	67	601.3121	EYE BOLT	AN665-5A				
	2	2	66	650.9201	EYE BRACKET ASSY					
REF	REF	REF	65	647.5701	GPS MOUNT KIT					
		2	64	601.3151	WASHER	NAS1149H432P				
			63	601.2911	SCREW	MS24594-53				
	24	24	62	601.2637	SCREW	MS27039-1-16				
2	2	2	61	601.2763	BOLT	AN3-12A				
	1	1	60	646.3913	SHIM					
	4	4	59	646.3912	SHIM					
	1	1	58	646.3911	SHIM					
	4	4	57	646.3910	SHIM					
	5	5	56	600.1013	PRIMER					
	8 FT	8 FT	55	600.0129	VHB TAPE					
	1	1	54	600.1012	SEALANT	PR-145-CLAS-B				
	1	1	53	600.0991	MAGNABOND 699B PART B					
	1	1	52	600.0990	MAGNABOND 699B PART A					
6	10	10	51	601.2826	BOLT	AN3-11A				
		2	50	646.3814	WIPER BRACKET					
		2	49	601.2910	SCREW	MS27039-1-16				
2		2	48	601.1365	SCREW	MS27039-1-10				
2		2	47	646.3719	DOUBLER					
	2	2	46	646.3718	CUSTOM WASHER					
1		1	45	646.3717	DOUBLER					
	22	2	44	601.1948	SCREW	MS27039-1-10				
	2	2	43	601.1952	SCREW	MS27039-1-20				
	4	4	42	601.1956	SCREW	MS27039-1-21				
4006	4005	4004	4003	4002	4001	FIND #	PART #	DESCRIPTION	MATL	SPEC.

REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 02199, 02201, 02219 & 02245	02/08/2016	P. BRAVO
B	INCORPORATED ECN 02844, 02879 & 04751	11/04/2014	P. BRAVO
C	INCORPORATED ECN 30078	07/01/2013	P. BRAVO

		2		2	41	601.2829	SCREW	MS2494554	
		2		2	40	601.2831	RIVET	MS20426AD5-7	
		1		1	39	646.3716	GAUGE BRACKET		
		6		6	38	601.1953	SCREW	MS27039-1-12	
	2	2		2	37	646.3715	STRUT DOUBLER		
				2	36	601.2824	BOLT	AN3-5A	
12	36			36	35	601.2277	RIVET	CC3046-3-02	
6	18			18	34	600.0795	NUTPLATE	MS21047-3	
3	3			3	33	601.2565	RIVET	MS20470AD5-7	
1	1			1	32	646.3813	STRUT BRACKET		
4	4			4	31	601.2822	BOLT	AN3-5A	
2	2			2	30	646.3812	GUSSET BRACKET		
8	8			8	29	601.2564	RIVET	MS20470AD5-6	
1	1			1	28	646.3714	GUSSET		
	1	1		1	27	646.3610	FILLER		
	3	3		3	26	601.2830	SCREW	MS2494555	
	2	2		2	25	601.2825	BOLT	AN3-4A	
	1	1		1	24	646.3811	RADIUS BLOCK		
	1	1		1	23	646.3712	CLIP		
	1	1		1	22	646.3711	CLIP		
8	8			8	21	601.2832	RIVET	MS20470AD5-6	
14	14			14	20	601.2020	RIVET	CR3213-5-3	
4	6	4	6	10	19	601.2823	BOLT	AN3-4A	
	1	1		1	18	601.2827	BOLT	AN3-13A	
	5	5		5	17	601.2912	SCREW	MS2494551	
1	1			1	16	646.3713	GUSSET		
1	1			1	15	646.3210	SUPPORT		
		1		1	14	646.3710	DOUBLER		
	1	1		1	13	646.3110	CHANNEL		
14	10	8	53	6	61	12	601.1624	LOCKNUT	MS21042-3
16	32	18	120	16	144	11	601.1607	WASHER	NAS1149H432P
				1		10	646.3410	LH WIPER DEFLECTOR	
				1		9	646.3411	RH WIPER DEFLECTOR	
		2		2	8	647.7703	STRUT ASSY		
		2		2	7	647.0112	STRUT BRACKET		
	1	1		1	6	646.3511	STRUT		
	1	1		1	5	646.3510	STRUT		
2		2		2	4	646.3810	BRACKET		
		1		1	3	646.2910	DEFLECTOR		
	1	1		1	2	646.3001	LOWER CUTTER ASSY		
		1		1	1	646.3301	UPPER CUTTER ASSY		
X						646.4006	LOWER CUTTER FIXED PROVISIONS		
	X					646.4005	LOWER CUTTER REMOVABLE PROVISIONS		
		X				646.4004	FIXED PROVISIONS KIT		
			X			646.4003	CABLE CUTTERS KIT WITH FIXED PROVISIONS		
				X		646.4002	ASS350 WIPER DEFLECTOR KIT		
				X		646.4001	ASS350 CABLE CUTTERS KIT		

QTY	DESCRIPTION	PARTS LIST
NEXT ASSY [S]	ORIGINAL DATE: 08-27-08 DESIGNED BY: P. BRAVO DRAWING APPROVAL: P. BRAVO DATE: 08-27-08	3030 ENTERPRISE CT. SUITE A VISTA, CA. 92081 (760)-724-5300
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°	AS350 CABLE CUTTERS KIT
		SHEET 1 OF 5